

What is claimed is:

1. A medical system, comprising:

an X-ray CT apparatus configured to detect an X-ray irradiated to an object and obtain a scanogram and an X-ray CT image of the object;

5 a nuclear medicine apparatus configured to detect a radiation ray irradiated from radioisotope injected to the object and obtain a nuclear medicine image of the object;

a partition configured to block at least one of the X-ray leaking from the X-ray CT apparatus to the nuclear medicine apparatus and the radiation ray leaking from the nuclear medicine apparatus to the X-ray CT apparatus; and

10 a partition movement unit configured to move the partition.

2. The medical system according to claim 1, further comprising:

a bed on which the object can be placed; and

15 a bed movement unit configured to move the bed between the X-ray CT apparatus and the nuclear medicine apparatus.

3. The medical system according to claim 1, wherein the partition is attachable or slidable or openable.

20 4. The medical system according to claim 1, further comprising an operation unit configured to set a position of the nuclear medicine image on the scanogram.

5. The medical system according to claim 4, wherein the operation unit is also configured to set a position the X-ray CT image on the scanogram.

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6. The medical system according to claim 5, wherein the operation unit is also configured to set the same position of the nuclear medicine image as that of the X-ray CT image.

30 7. The medical system according to claim 6, further comprising a display unit configured to display an image in which the X-ray CT image and the nuclear medicine image

are superimposed.

8. The medical system according to claim 7, wherein the display unit displays the scanogram, the X-ray CT image and the nuclear medicine image.

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9. The medical system according to claim 5, wherein:

the X-ray CT apparatus includes a first light emission device configured to emit a first light to the object to set the position of the X-ray CT image; and

10 the nuclear medicine apparatus includes a second light emission device configured to emit a second light to the object to set the position of the nuclear medicine image.

10. The medical system according to claim 9, further comprising a control unit configured to set a basic position when the position of the first light is the same as the position of the second light.

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11. The medical system according to claim 5, wherein the nuclear medicine apparatus is a SPECT apparatus.

12. The medical system according to claim 5, wherein the nuclear medicine apparatus is
20 a PET apparatus.

13. A medical system, comprising:

an X-ray CT apparatus configured to detect an X-ray irradiated to an object and obtain a scanogram and an X-ray CT image of the object;

25 a nuclear medicine apparatus configured to detect a radiation ray irradiated from radioisotope injected to the object and obtain a nuclear medicine image of the object; and

an operation unit configured to set a position of the nuclear medicine image on the scanogram.

30 14. The medical system according to claim 13, wherein the operation unit is also configured to set a position the X-ray CT image on the scanogram.

15. The medical system according to claim 14, wherein the operation unit is configured to set the same position of the nuclear medicine image as the X-ray CT image.

5 16. The medical system according to claim 15, further comprising a display unit configured to display an image in which the X-ray CT image and the nuclear medicine image are superimposed.

10 17. The medical system according to claim 16, wherein the display unit displays the scanogram, the X-ray CT image and the nuclear medicine image.

18. The medical system according to claim 14, wherein:
the X-ray CT apparatus includes a first light emission device configured to emit a first light to the object to set the position of the X-ray CT image; and

15 the nuclear medicine apparatus includes a second light emission device configured to emit a second light to the object to set the position of the nuclear medicine image.

19. The medical system according to claim 18, further comprising a control unit configured to set a basic position when the position of the first light is the same as the position
20 of the second light.

20. The medical system according to claim 14, wherein the nuclear medicine apparatus is a SPECT apparatus.

25 21. The medical system according to claim 14, wherein the nuclear medicine apparatus is a PET apparatus.

22. A medical system, comprising:
an X-ray CT apparatus configured to detect an X-ray irradiated to an object and obtain a
30 scanogram and an X-ray CT image of the object;
a nuclear medicine apparatus configured to detect a radiation ray irradiated from

radioisotope injected to the object and obtain a nuclear medicine image of the object; and
means for setting a position of the nuclear medicine image on the scanogram.

5 23. The medical system according to claim 22, wherein the setting means comprises:
a keyboard, mouse or trackball input device.

24. A method for controlling a medical system, comprising:
detecting an X-ray irradiated to an object;
obtaining a scanogram of the object based on the detected X-ray;
10 setting a position of a nuclear medicine image on the scanogram;
detecting a radiation ray irradiated from radioisotope injected to the object based on the
set position; and
obtaining the nuclear medicine image of the object.

15 25. An X-ray CT system comprising:
an X-ray detector configured to detect an X-ray irradiated to an object;
an image unit configured to obtain a scanogram of the object based on the X-ray
detected by the X-ray detector;
an operation unit configured to set a position of a nuclear medicine image on the
20 scanogram; and
an output device configured to output the position to a nuclear medicine apparatus.

26. A nuclear medicine system comprising:
an input device configured to input a scanogram obtained by an X-ray CT apparatus;
25 an operation unit configured to set a position of a nuclear medicine image on the
scanogram;
a radiation ray detector configured to detect a radiation ray irradiated from radioisotope
injected to the object based on the position set by the operation unit; and
an image unit configured to obtain the nuclear medicine image of the object.

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